

Abstract of the Disclosure

A coupling for joining metal pipes or pipe sections end-to-end to form a pipe assembly. A plastic cuff is formed on one of the pipe ends and a mating, second plastic cuff is formed on the other pipe end. In one embodiment, a wire hoop is mounted over each pipe end, the hoops are rotatable around the associated pipe ends to align the hoops, and bolt assemblies spanning the two hoops are used to tighten the hoops axially, to thereby clamp the pipe ends and compress the cuffs between the pipe ends and provide a leak-proof joint. The cuffs are selected from configurations including tongue-and-groove and bell-and-spigot. The cuffs can be formed on the pipe ends in the shop, then the pre-cuffed pipe sections can be readily assembled into stable, leak-proof, corrosion-resistant lengths of pipe in the field.